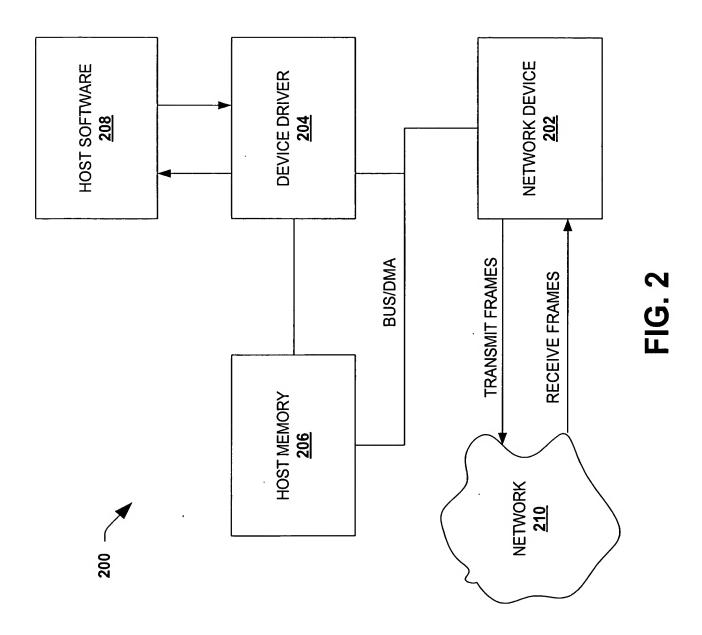


FG. 1



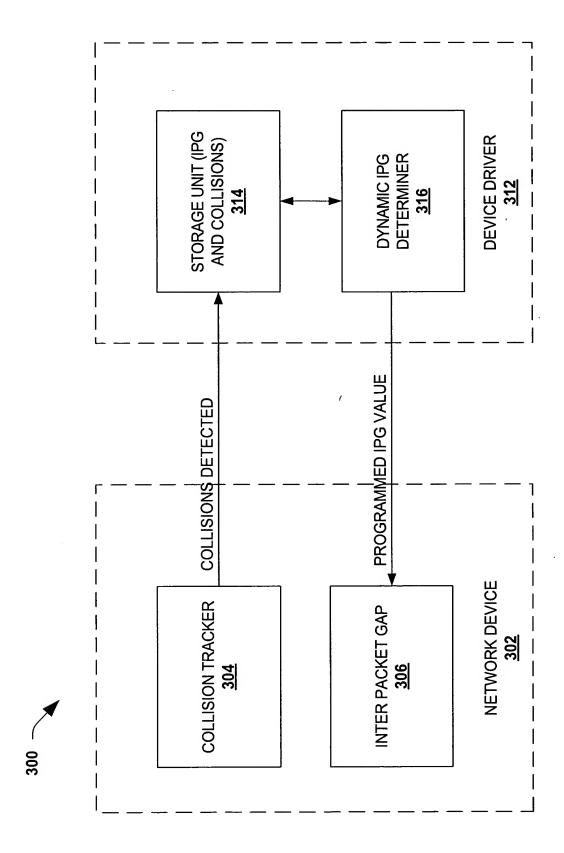
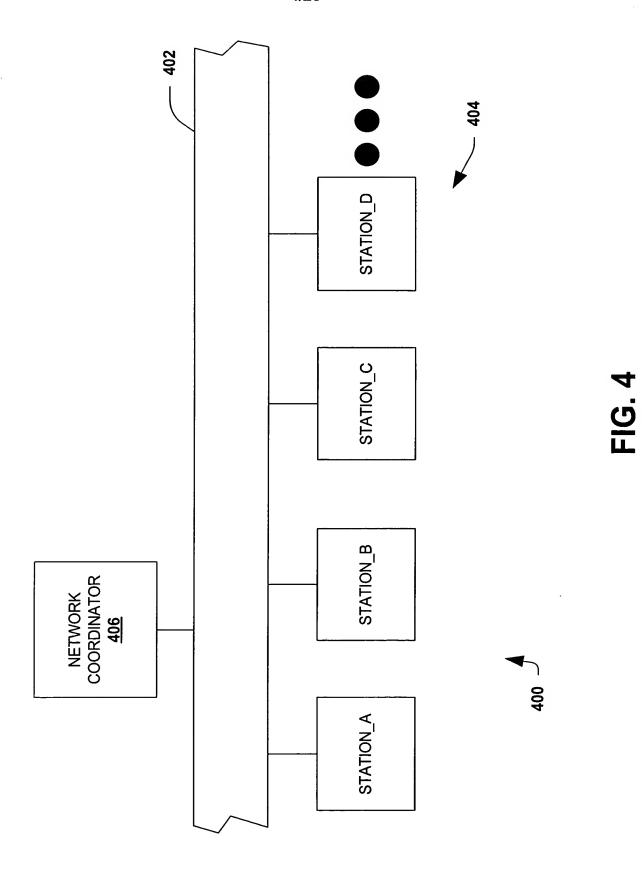


FIG. 3



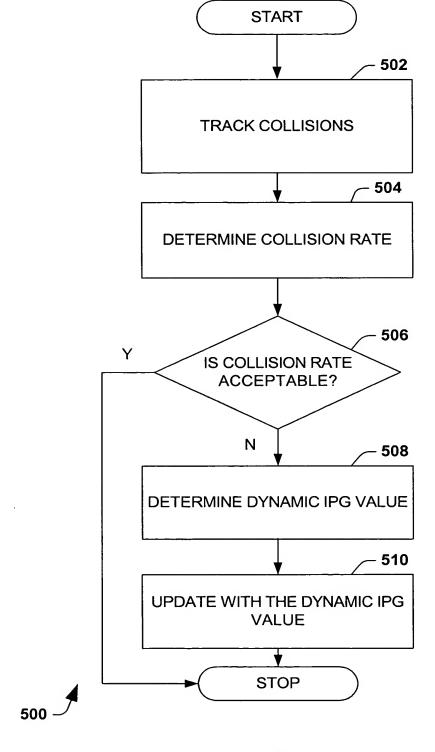
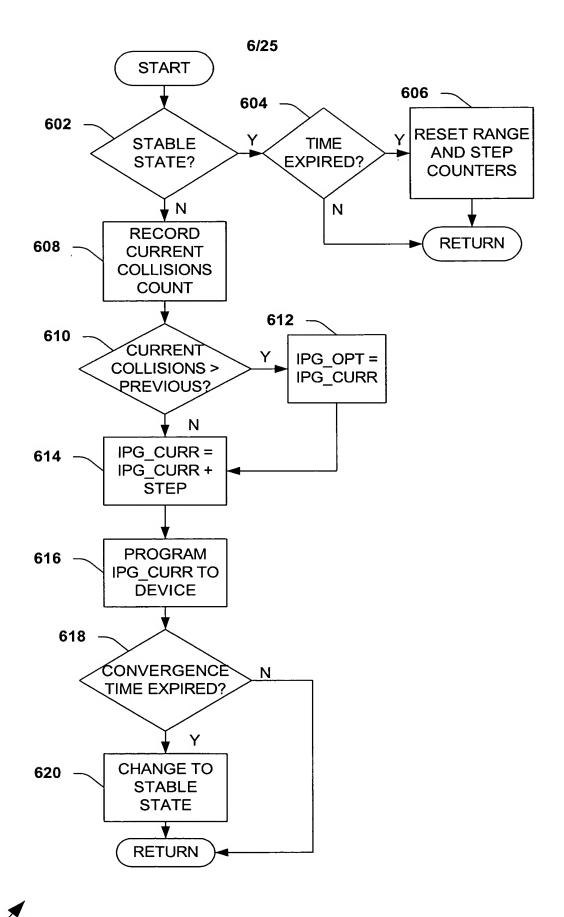


FIG. 5



▼ FIG. 6

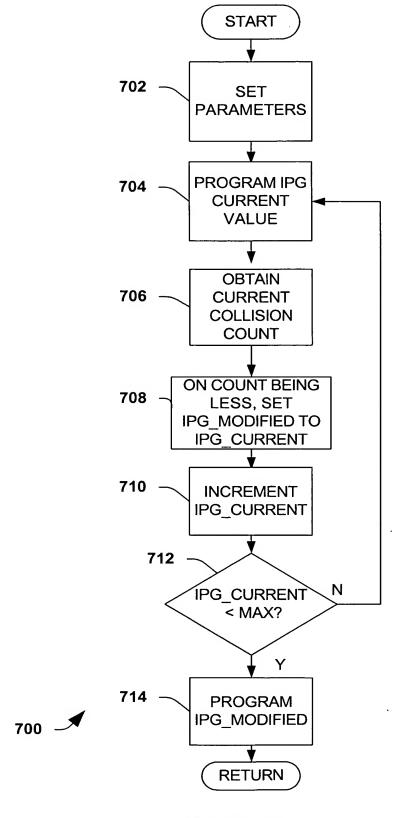


FIG. 7

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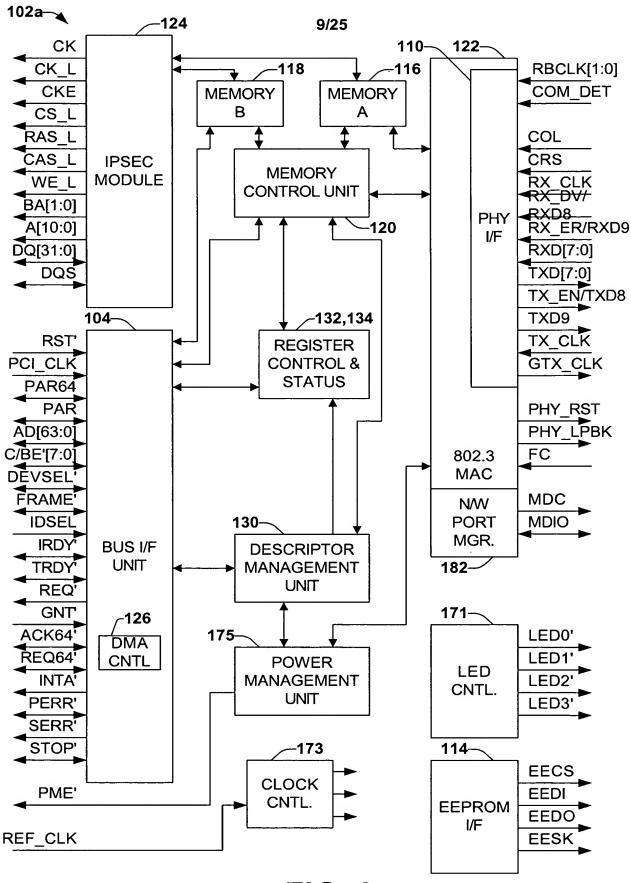


FIG. 9

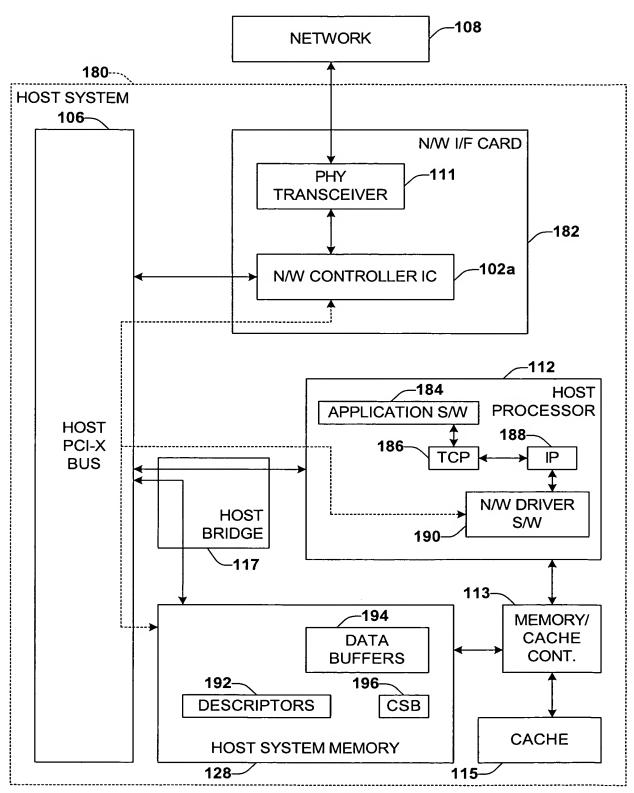


FIG. 10

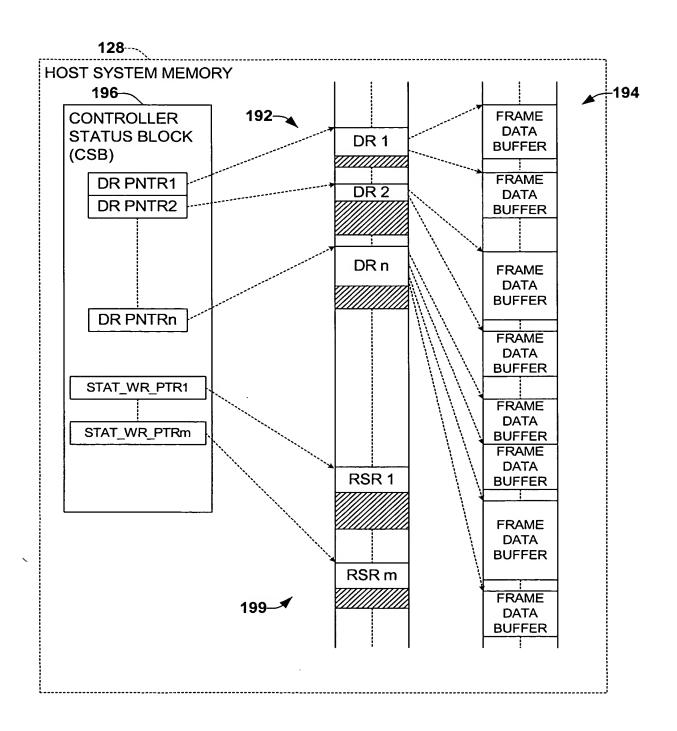


FIG. 11A

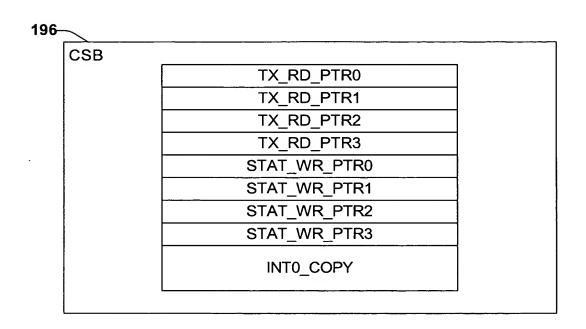


FIG. 11B

REGISTERS_		_
	RX_RING[3:0]_BASE	
	TX_RING[3:0]_BASE	
	RX_RING[3:0]_LEN	
	TX_RING[3:0]_LEN	
	TX_WR_PTR[3:0]	
	RX_WR_PTR[3:0]	
	STAT_RING[3:0]_BASE	
	STAT_RING[3:0]_LEN	
	RX_BUF_LEN	
	CSB_ADDR	
		_

FIG. 11C

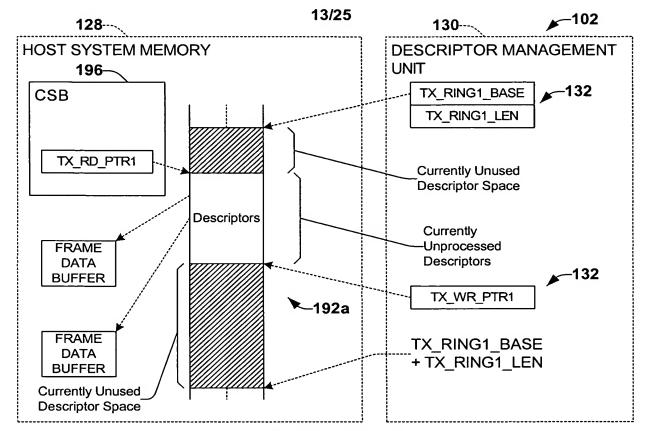


FIG. 11D

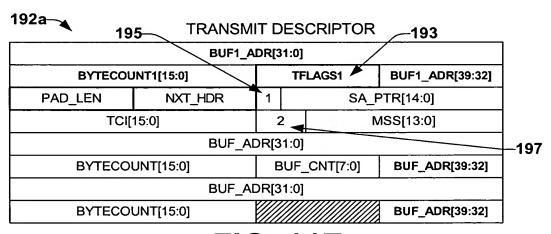
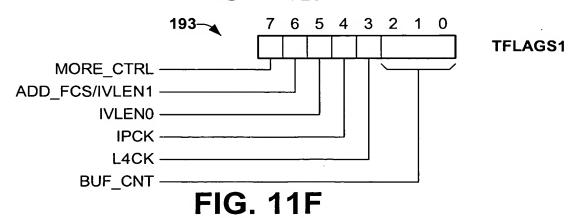


FIG. 11E



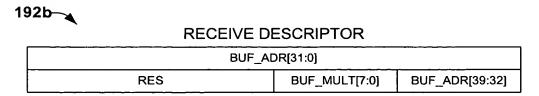


FIG. 11G

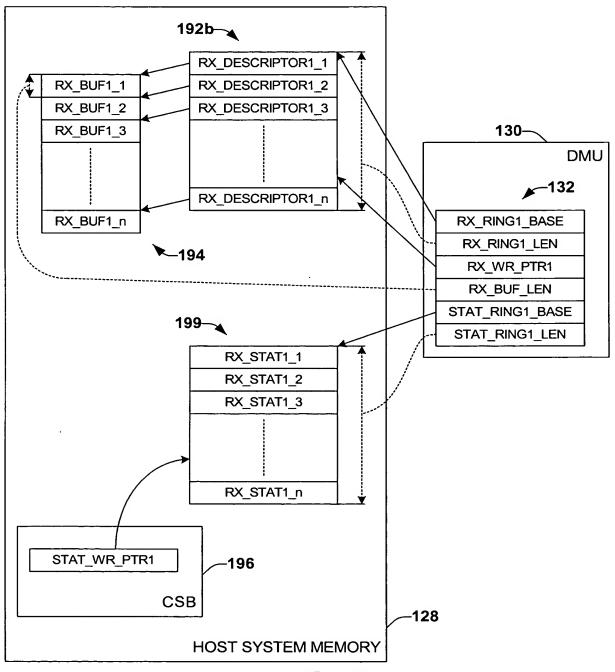
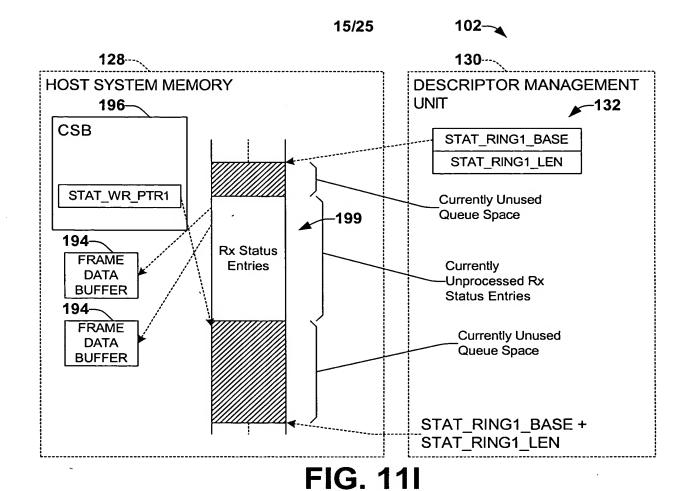
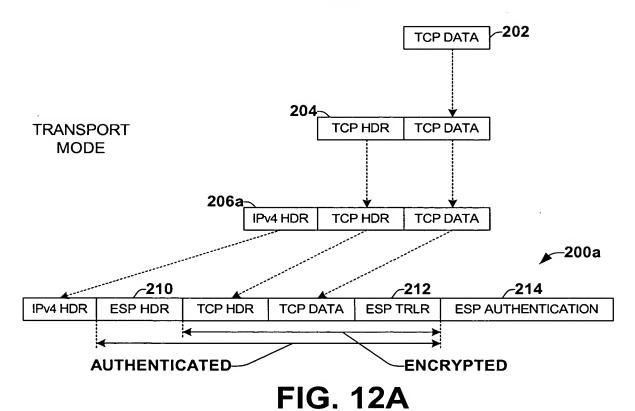


FIG. 11H



TCI[15:0] MCNT[15:0] **RECEIVE STATUS RING ENTRY** 199-- RX_ALIGN_LEN[5:0] L4_HEADER L4_CK_ERR - IP HEADER IP CK ERR RX_MATCH[2:0] - TT[1:0] - TRUNC CRC - LEN_ERR - PAD_ERR - ESPAH_ERR - AH_ERR **TUNNEL FOUND** - IPSEC_STAT1[2:0] **FIG. 11J**



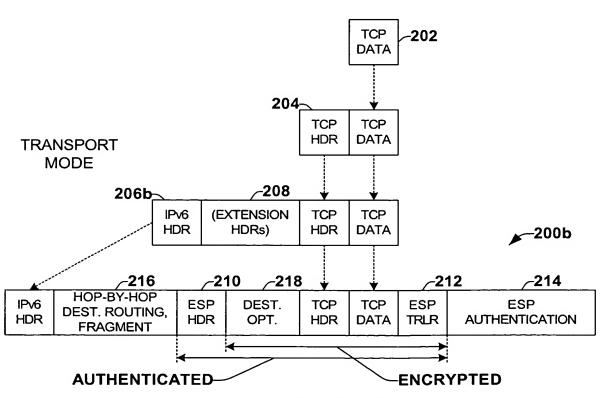


FIG. 12B

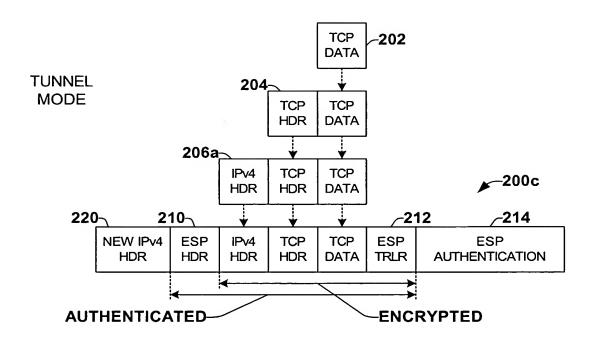


FIG. 12C

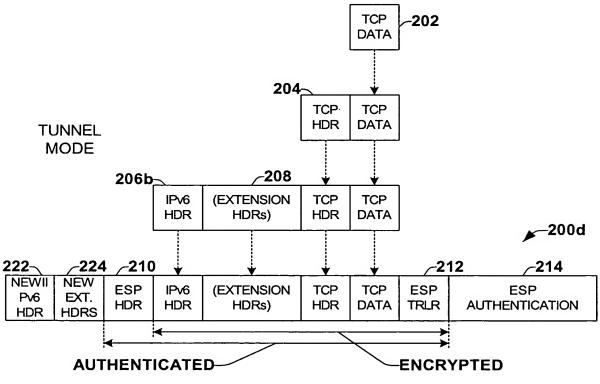


FIG. 12D

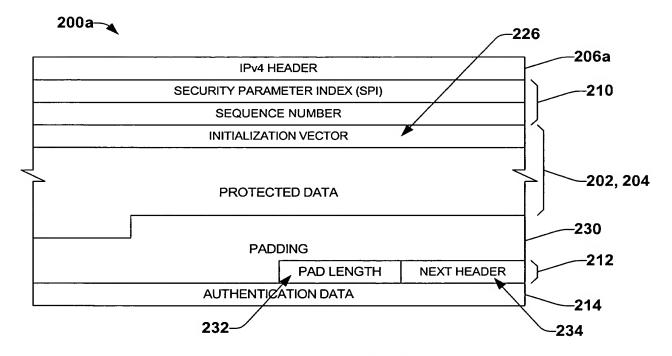


FIG. 12E

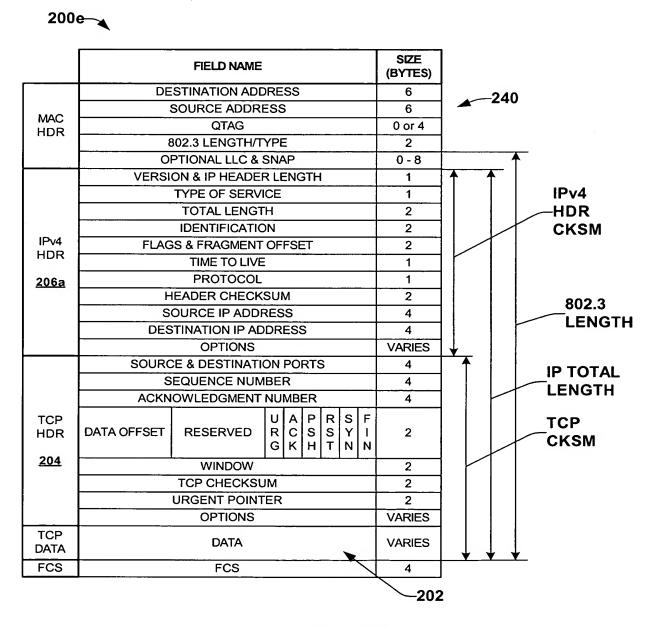


FIG. 13A

200f~

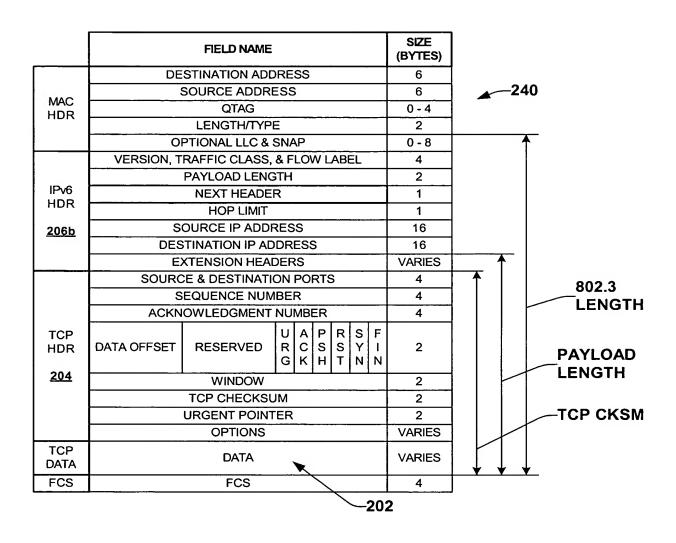


FIG. 13B

250~

FIELD NAME	Created by Host	Modified by ESP	Encrypted	Covered by ESP Authentication	Added by Controller
Preamble					×
Start of Frame Delimiter					×
MAC Header	×				
IP Header	x				
ESP Header	×			х	
Payload Data	x	х	×	x	
Padding	×	х	x	х	
Pad Length	×	х	×	×	
Next Header	×	х	x	х	
Authentication Data	х	х			
Frame Check Sequence					х

FIG. 14A

252

FIELD NAME	Created by Host	Modified by AH Module	Covered by AH Authentication	Added by Controller
Preamble				х
Start of Frame Delimiter				х
MAC Header	×			
IP Header	×		×	
AH Header	×	х	x	
Other Headers	×		×	
Payload Data	×		×	
Frame Check Sequence				×

FIG. 14B

254

PHCKSM FOR IPv4			
32-BIT IP SOURCE ADDRESS			
32-BIT IP DESTINATION ADDRESS			
ZERO PROTOCOL			
TCP TOTAL LENGTH			

FIG. 14C

256

PHCKSM FOR IPv6				
128-BIT IP SOURCE ADDRESS				
128-BIT IP DESTINATION ADDRESS				
16-BIT TCP TOTAL LENGTH				
ZERO	PROTOCOL			

FIG. 14D

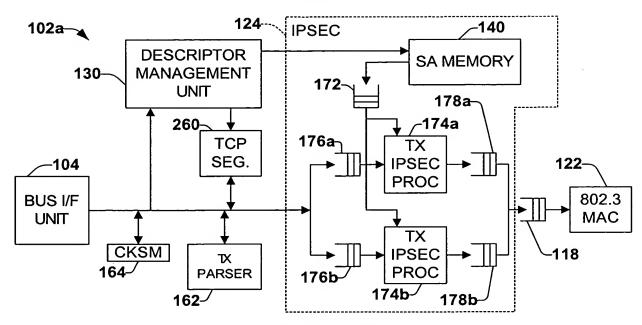


FIG. 15

102a-

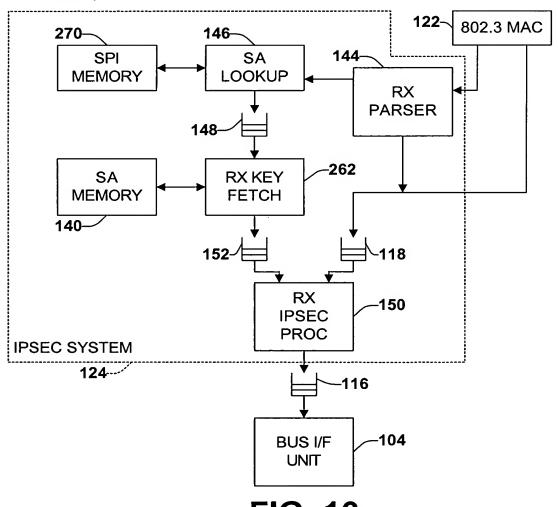


FIG. 16

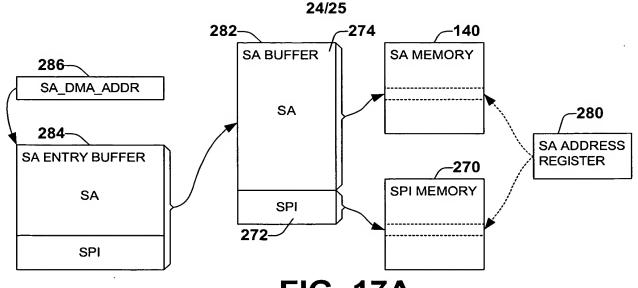


FIG. 17A

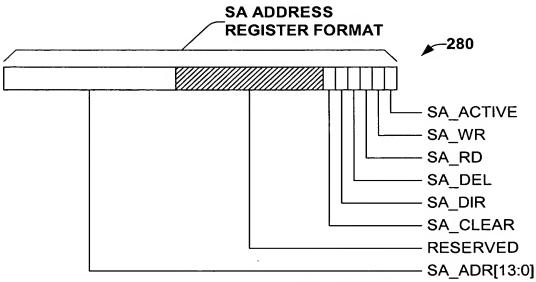


FIG. 17B

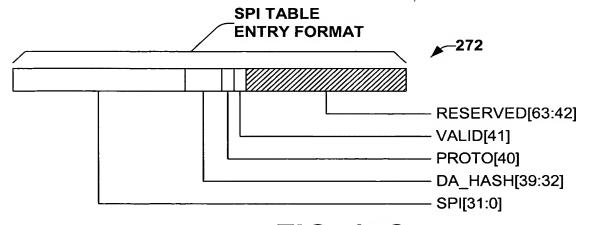


FIG. 17C

140-~

SA MEMORY ENTRY

_274

	F0D 41.0	Teapleanau au al	ALL AL O	Innormani	10 0 1 0114	
	ESP_ALG	ECB ESPAH_ALG	AH_ALG	PROTOCOL	IPV6 BUN	IDLE (////
		s	PI[31:0]			
		IPC	DA[127:0]			
		AH_II	PAD[159:0)]		
		AH_C	PAD[159:	0]		
:		ESP_	IPAD[159:	0]		
		ESP_C	DPAD[159	:0]		
		ENC_	KEY[255:	0]		

FIG. 17D